

## SERIES SG1 & SG3 | 1.5" INDUSTRIAL PRESSURE GAGES

### FEATURES/BENEFITS

- Stainless steel housing to resist ambient corrosion for longer service life in harsh environments
- Good accuracy gage for value-sensitive applications requiring more precise measurement and where vibration is a concern
- Back or bottom mounting and compact size provides for mounting with dimensional limitations

### APPLICATIONS

- Vacuum in pneumatic conveying lines
- Positive pressure in compressed air headers
- Corrosive ambient environments

### DESCRIPTION

The **Series SG1 1.5" Industrial Pressure Gages** are perfect for applications where resistance to corrosion is necessary. The stainless steel case and ring offer excellent protection from harsh processes. The SG1 gages are an economical choice where ambient corrosion and vibration are a concern. Gages are suitable for all fluids that are compatible with brass and bronze, and are available with bottom or back connections.

The **Series SG3 1.5" Industrial Pressure Gages** have dual psi and bar (x100 kPa) scales with  $\pm 2.5\%$  full-scale accuracy. The Series SG3 gages are designed with 304 SS housings and 316 SS wetted parts for excellent chemical compatibility. These gages cover a wide variety of ranges from full vacuum to 300 psi. Units can withstand ambient temperatures up to 140°F (60°C). Bottom or back 1/8" NPT connection options available.



SG1 Bottom



SG1 Back



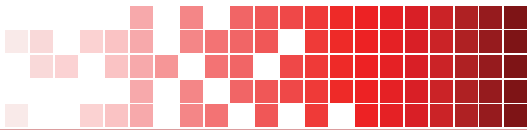
SG3 Bottom



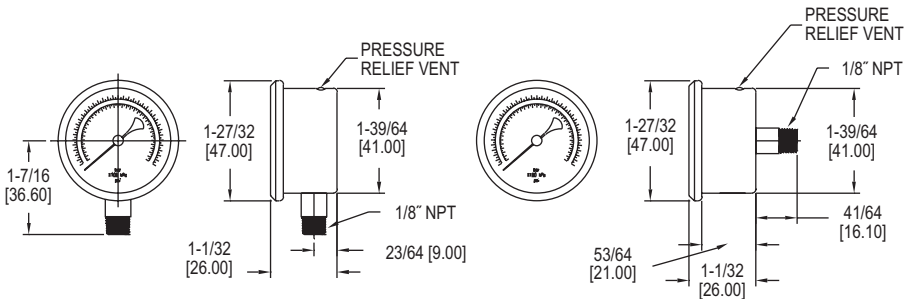
SG3 Back

### SPECIFICATIONS

<b>Service</b>	Compatible liquids and gases.
<b>Wetted Materials</b>	SG1: Brass connector, bronze tube; SG3: 316 L SS tube, 316 SS connector.
<b>Housing</b>	304 SS.
<b>Lens</b>	Polycarbonate.
<b>Accuracy</b>	$\pm 2.5\%$ FS.
<b>Pressure Limit</b>	FS range.
<b>Temperature Limits</b>	-4 to 140°F (-20 to 60°C).
<b>Size</b>	1.5" (40 mm).
<b>Process Connections</b>	1/8" male NPT.
<b>Weight</b>	SG1: 2.2 oz (63 g) bottom, 2.3 oz (65 g) back; SG3: 2.4 oz (70 g) bottom, 2.5 oz (72 g) back.



DIMENSIONS



HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code.

**SERIES**

**SG1:** Brass connector gage

**SG3:** 316 SS connector gage

**SG1**

**-B101**

**21N**

**-NISTCAL-PG1**

**OPTION**

**-NISTCAL-PG1:** NIST traceable calibration certificate

**CONNECTION**

**21N:** 1/8" NPT bottom connection

**41N:** 1/8" NPT back connection

**RANGE**

**B101:** 30 in Hg to 0

**B103:** 0 to 30 psi

**B104:** 0 to 60 psi

**B105:** 0 to 100 psi

**B106:** 0 to 160 psi

**B107:** 0 to 200 psi

**B110:** 0 to 300 psi

ACCESSORIES

Model	Description
A-445B	U-bracket mounting kit for 1.5" and 2.5" gage
NISTCAL-PG1	NIST traceable pressure calibration certificate for pressure gages over 1% accuracy. <b>NOTE:</b> EQUAL CERTS WILL BE CHARGED PER UNITS PURCHASED